**Listing of the Claims**

1. (Currently Amended) An ambulatory physiological monitor ~~10~~, comprising:

at least one sensor for detecting at least one physiological parameter of a patient;

a housing ~~42~~ adapted to be secured to the patient;

a circuit ~~50~~ located in said housing for receiving and processing a signal representative of the physiological parameter from the at least one sensor to generate recordable physiological data and for determining if said data exceeds a pre-established alarm limit;

an event indicator ~~12~~ coupled to said housing for notifying the patient when the alarm limit has been exceeded;

a wireless transmitter ~~28~~ operationally coupled to the circuit and located in said housing for transmitting an emergency notification when the alarm limit has been exceeded; and

a patient-operable actuator ~~22~~ coupled to said housing for preventing transmission of the emergency notification by the wireless transmitter upon activation by the patient within a predetermined time after the alarm limit has been exceeded.

2. (Currently Amended) The monitor of claim 1 wherein said event indicator ~~12~~ is an audio transducer.

3. (Currently Amended) The monitor of claim 1 wherein said event indicator ~~12~~ is a mechanical transducer.

4. (Currently Amended) The monitor of claim 2 wherein said event indicator ~~12~~ generates a physical stimulus that increases in intensity over a predetermined period of time after the alarm limit has been exceeded.

5. (Currently Amended) The monitor of claim 4 wherein said patient-operable actuator ~~22~~ is a button.

6. (Currently Amended) The monitor of claim 4 wherein said patient-operable actuator ~~22~~ is pressure activated.

7. (Original) A method of transmitting an emergency notification from an ambulatory monitor upon detection of a physiological parameter of a patient that deviates by a pre-established amount from an acceptable value, said method comprising the steps of:

detecting at least one physiological parameter of the patient;

receiving and processing a signal representative of the physiological parameter to generate recordable physiological data;

determining if said data exceeds a pre-established alarm limit;

notifying the patient when the alarm limit has been exceeded; and

transmitting an emergency notification after the alarm limit has been exceeded for a predetermined period of time unless canceled by the patient within said predetermined period of time.

8. (Currently Amended) The method of claim 7 wherein the transmitting step is performed with a patient-operable actuator ~~22~~ located on the monitor.

9. (Currently Amended) The method of claim 8 wherein the notification step is performed by an event indicator ~~12~~ located on the monitor.

10. (Currently Amended) The method of claim 9 wherein said event indicator ~~12~~ is an audio transducer.

11. (Currently Amended) The method of claim 8 wherein said event indicator ~~12~~ is a mechanical transducer.

12. (Currently Amended) The method of claim 8 wherein said event indicator ~~12~~ is an audio transducer.

13. (Currently Amended) The method of claim 8 wherein said event indicator ~~12~~ generates a physical stimulus that increases in intensity over a predetermined period of time after the alarm limit has been exceeded.

14. (Currently Amended) The method of claim 7 wherein said patient-operable actuator ~~22~~ is a button